

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE		PAGE OF PAGES 1 9	
2. AMENDMENT/MODIFICATION NO. 0001		3. EFFECTIVE DATE 06/12/00		4. REQUISITION/PURCHASE REQ. NO. 351-0-0944		5. PROJECT NO. (If applicable)
6. ISSUED BY CODE NAT. INST. OF STANDARDS & TECHNOLOGY ACQUISITION & ASSISTANCE DIVISION BUILDING 301, ROOM B117 100 BUREAU DRIVE, STOP 3572 GAITHERSBURG, MD 20899-3572			7. ADMINISTERED BY (If other than Item 6) CODE			
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP code) TO ALL OFFERORS					9A. AMENDMENT OF SOLICITATION NO. 52SNBNO01045	
					9B. DATED (SEE ITEM 11) 05/19/00	
					10A. MODIFICATION OF CONTRACT/ORDER NO.	
					10B. DATED (SEE ITEM 13)	
CODE		FACILITY CODE				

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☒ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offers ☒ is extended, ☐ is not extended. Offerors must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

See Continuation Sheet(s)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) PAULINE E. MALLGRAVE CONTRACTING OFFICER	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <i>Pauline E. Mallgrave</i> (Signature of Contracting Officer)	16C. DATE SIGNED 6-12-00

- A. The hour and date specified for receipt of offers is extended to 3:00 p.m. local time June 30, 2000.
- B. The price range listed in block 10 of Standard Form 1442 is corrected to read Between \$140,000,000 and \$170,000,000.
- C. A pre-proposal conference and site visit was held June 5, 2000. A list of attendees is attached.
- D. Part I, Section H.3 OPTION FOR INCREASED QUANTITY--FIXED PRICE CONTRACT paragraph (b) is amended as follows:

Optional Items	Time Period for Exercising Option
CLIN 0009/Option 2	Date of Contract Award
CLIN 0010/Option 3	Date of Contract Award

The time period for all other optional items remains 180 days after the contract award.

- E. Part III, Section J.2 LIST OF ATTACHMENTS, Attachment One - Specification is amended as follows:
 - 1. Volume 1, Division 1, Section 01400 - Quality Control, revise paragraph 1.06.C to read:

C. Quality Control Specialists:

- 1. Provide a separate QC specialist at the work site for each of the areas of responsibility specified below who shall assist and report to the QC Manager, and who shall have no duties other than performing the three phases of control and preparing documentation for each definable feature of work in their area of responsibility at the frequency specified.
- 2. In addition to the requirements of the "Contractor's Quality Control Plan", the QC Specialists shall be available on site for consultation with the COTR at least two (2) hours per day, three (3) days per week during construction/installation of features of work under their responsibility. The QC Specialists shall be on site (or off-site as required) full time for testing and commissioning of work under their responsibility. Resumes of all contractor proposed Quality Control Specialists shall be submitted to

the COTR for approval. Upon the government's acceptance of the Contractor's Quality Control Plan, the contractor shall update their Detailed CPM Schedule (DCS) to include activities and durations for the Quality Control organization.

a. Automatic Temperature Controls Specialist

- (1) Controls Specialist shall have a minimum of ten (10) years experience of installation and testing of automatic temperature control systems of similar size and complexity of this project.
- (2) Controls Specialist shall be provided by the Controls Contractor

b. Clean Room Specialist/Director

- (1) Clean Room Specialist shall have a minimum ten (10) years experience in the construction of cleanrooms
- (2) Clean Room Specialist shall have completed a minimum of two projects dealing with sub-micron wafer technology under Class M3.5 or better

c. Concrete Specialist

- (1) Concrete Specialist shall have a minimum of ten (10) years of experience of field supervision and coordination of the installation of concrete structures of comparable size and complexity of this project.
- (2) Concrete Specialist shall be provided by Contractor or Concrete Subcontractor

d. Commissioning Specialist

- (1) Commissioning Specialist shall have ten (10) years experience in commissioning and coordination of trades for commissioning on projects of similar size and complexity.
- (2) Commissioning Specialist shall have a demonstrated ability to prepare and coordinate commissioning plans and schedules.

e. Damp/Waterproofing Specialist

- (1) Damp/Waterproofing Specialist shall have a minimum of ten (10) years experience in supervision and coordination of Damp/Waterproofing components and system installation similar in complexity and size of this project

- (2) Damp/Waterproofing Specialist shall be certified to install and repair system by the system's manufacturer

f. Electrical Specialist

- (1) Electrical Specialist shall have a minimum of ten (10) years experience of field supervision, coordination, and testing of electrical systems comparable to the size and complexity of this project
- (2) Electrical Specialist can be provided by the Electrical Subcontractor

g. Fire Alarm Specialist

- (1) Fire Alarm Specialist shall have a minimum of ten (10) years experience of field supervision, coordination, and testing of fire alarm systems
- (2) Fire Alarm Specialist can be provided by the Fire Alarm Subcontractor

h. Fire Protection (Sprinkler) Specialist

- (1) Fire Protection Specialist shall have a minimum of ten (10) years experience of field supervision, coordination, and testing of fire sprinkler systems of comparable size and complexity of this project.
- (2) Fire Protection Specialist can be provided by the Fire Sprinkler Protection Subcontractor

i. High Accuracy Controls Specialist

- (1) High Accuracy Controls Specialist shall have a minimum of ten (10) years experience in the installation, coordination, and testing of control systems of comparable size and complexity of this project.
- (2) High Accuracy Controls Specialist shall be provided by the High Accuracy Controls Specialist, not the Contractor.

j. Mechanical (Ductwork / Sheet Metal) Specialist II

- (1) Ductwork / Sheet Metal Specialist shall have a minimum of ten (10) years experience in field supervision, coordination, and testing of air distribution systems.
- (2) Ductwork / Sheet Metal Specialist can be provided by the Contractor or the Subcontractor directly installing the air distribution systems.

k. Mechanical (HVAC) Specialist I

- (1) HVAC Specialist shall have a minimum of ten (10) years experience in field supervision of rigging, installation, and testing of chilled water, hot water, and steam piping. The piping experience shall be of HVAC systems comparable in size and complexity to this project.

- (2) In addition, the HVAC Specialist shall have experience in the coordination process of projects similar in complexity and size to this project.
- (3) HVAC Specialist can be provided by the Contractor or the Subcontractor directly installing the mechanical systems.

l. Plumbing Specialist

- (1) Plumbing Specialist shall have a minimum of ten (10) years experience in field supervision of the coordination, installation and testing of plumbing systems comparable in size and complexity to this project.
- (2) Plumbing Specialist can be provided by the Contractor or Subcontractor directly installing the plumbing systems.

m. Safety Specialist (Manager / Officer)

- (1) Safety Specialist shall have ten (10) years of experience as the safety manager / officer for projects comparable to this project.
- (2) The Safety Specialist shall be employed by the Contractor, and shall be a full-time position reporting directly to an officer of the firm.

n. Structural Steel Specialist

- (1) Structural Steel Specialist shall have a minimum of ten (10) years of experience in the field supervision and coordination of structural steel installations of comparable size and complexity of this project.
- (2) Structural Steel Specialist shall be provided by the Contractor or Structural Steel Subcontractor.

- 2. Volume 1, Division 1, Section 01410 - Tests and Inspections, revise paragraph 1.01.B.5 to read: 5. Testing and inspection required for Contractor's Quality Control Plan.
- 3. Volume 1, Division 1, Section 01500 - Construction Facilities, Temporary Controls, Utilities and Safety, revise paragraph 1.18.C.1 to read: 1. The Contractor shall pre-screen their employees to eliminate anyone who does not meet the following criteria: The prospective employee shall either be a United States (U.S.) Citizen, or if a non-U.S. citizen, have official legal status in the U.S.

4. Volume 1, Division 5, Section 05500 - Metal Fabrications, revise paragraphs 2.01.U. through 2.01.U.2.b. to read:

U. Aluminum plate for electromagnetic shielding:

1. ASTM-B221, AA3003-H14.
2. Mill finish and non-heat treatable.
 - a. Rolled and strain hardened.
 - b. 6.35 mm thick and flat.

5. Volume 1, Division 7, Section 07110 - Fluid Applied Rubberized Asphalt Waterproofing, add paragraph 2.01.A.1.b.(3) to read: (3) Bakor.
6. Volume 3, Division 15, Section 15861 - Custom Packaged Air Handling Unit, Cleanrooms, add paragraph 2.01 A.1.b.(4) to read: (4) Energy Labs, Inc.

- F. Part III, Section J.2 LIST OF ATTACHMENTS, Attachment Two - Drawings is amended as follows:

1. Page 2 which was missing from the Index of Drawings dated May 15, 2000 is attached.
2. Sheet No. A3.2-12 – Access Areaway No. 6 Enlarged Plans and Sections

Revise Access Areaway No. 6, Metrology East Lower Level EL.122.500 Plan 1/A3.2-12 as follows:
Change 5500 dimension to 7000

3. Sheet No. A3.2-12 – Access Areaway No. 6 Enlarged Plans and Sections

Revise Access Areaway No. 6, Metrology East Distribution Level EL.127.100 Plan 2/A3.2-12 as follows:
Change 5500 dimension to 7000

4. Sheet No. S0-01 – General Notes

Revise Applicable Codes and Standards Note No. 2 as follows:

“2. Building Code Requirements for Reinforced Concrete (ACI 318M-99).”

5. Sheet No. S1-01F – Lower Level – West A Foundation Plan Metrology

Revise Footing Size at DD-6.1 to 8F 3100.

6. Sheet No. S3-32 – Sections and Details

Add Section No. 8/S3-32 as indicated on attached Amendment Drawing No. AM-1-8/S3-32.

7. Sheet No. S3-32 – Sections and Details

Add Section No. 9/S3-32 as indicated on attached Amendment Drawing No. AM-1-9/S3-32.

8. Sheet No. S3-33 – Sections and Details

Revise Access Areaway Lower Level Foundation Plan (1/S3-33) as follows:
Change 5500 dimension to 7000

9. Sheet No. S3-33 – Sections and Details

Revise Access Areaway Lower Level Slab on Grade Plan (2/S3-33) as follows:
Change 5500 dimension to 7000

10. Sheet No. M4-08H – Lower Level – West A Distribution Plan Metrology HVAC Part Plan

Revise Plan as follows:

Change exhaust stacks for EF-301A & EF-301B from 1050 to 1000.

Change exhaust duct and stack for EF-303 from 400 to 450.

Change exhaust air plenum size from 750 x 6500 x 2500 to 1150 x 9100 x 2500.

11. Sheet No. M4-14 – Level One-F Distribution Plan Cleanroom Mechanical Part Plan

Revise Plan as follows:

Change size of cooling tower equalizer line to 250.

12. Sheet No. M4-52 – Air Handling Units Plans and Elevations

Revise High Accuracy Temperature Control Lab Recirculating Air Handling Units table of dimensions (for AHU-301 through AHU-310) as indicated on attached Amendment Drawing No. AM-1-1/M4-52.

13. Sheet No. M8-02 – Mechanical Schedules

Delete Sheet No. M8-02 in its entirety and replace with attached Sheet No. M8-02. Fan Schedule has been revised. See fan data in bold type.

14. Sheet No. M8-03 – Mechanical Schedules

Delete Sheet No. M8-03 in its entirety and replace with attached Sheet No. M8-03. Fan Schedule has been revised. See fan data in bold type.

15. Sheet No. M8-04 – Mechanical Schedules

Delete Heating Coil Schedule and replace with attached Amendment Drawing No. AM-1-1/M8-04.

16. Sheet No. M8-05 – Mechanical Schedules

Revise Air Blender Schedule as follows:

AB-505 AHU-505 2200 60 750 900 1 Blender Products ABM 600

17. The following drawings are attached:

Amendment Drawing No. AM-1-8/S3-32
Amendment Drawing No. AM-1-9/S3-32
Amendment Drawing No. AM-1-1/M4-52
Amendment Drawing No. AM-1-1/M8-04
Revised Sheet M8-02
Revised Sheet M8-03

- G. Part III, Section J.2 LIST OF ATTACHMENTS, Attachment Three - U.S. Department of Labor General Decision MD0000056, Modification 0, February 11, 2000 is replaced by Modification 1 dated May 12, 2000 (5 pages)
- H. Part III, Section J.2 LIST OF ATTACHMENTS, Attachment Four - Schedule of Values, 7 pages is revised and issued with June 12, 2000 date.
- I. Part III, Section J.2 LIST OF ATTACHMENTS, Attachment Five - AML Offeror Question Form is revised and reissued.
- J. Part IV, Section L.18 PROPOSAL PREPARATION INSTRUCTIONS is amended as follows:

The following shall be submitted as a proposal addendum within three (3) days of the closing date for receipt of offers:

L.18.2.A.(2)(a)	Summary Level Project Schedule (percentage of cost)
L.18.2.B.(4)	Summary Level Project Schedule (cost-loaded)
L.18.2.A.(3)	Subcontracting Plan
L.18.2.B.(6)	Attachment Four, Schedule of Values

K. Part IV, Section M.5 TECHNICAL EVALUATION FACTORS, Paragraph 1 is amended as follows:

All evaluation factors other than price, when combined, are approximately equal to price. Factor A is worth 45%, Factor B is worth 40% and Factor C is worth 15% of the technical score.

National Institute of Standards & Technology
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Solicitation No. 50SBNB0C1045
June 5, 2000, 1:00PM

Name	Company	Phone Number
Gordon Fox	CETROM	301-925-3149
ERIC SEILING	CETROM	301-252 - 301-990-4111
Dick McY	UNITED STREET LIGHT	301-350-4200
Geoff Marshall	Turner Construction Co.	703-841-7040
Anthony K. Pellegrini	Pick Corp.	412-384-1000
Dick Lewis-	JOHN J. KIRLIN INC.	301-738-8858
RAY REIBER	HANSWELL	703-749-2032
RICK PRIDGON	JOHNSON CONTRACTS, INC	703/658-4492
JEFF SCOTT	MCC	703-204-1400
CHRIS CONLEY	NIST	301-975-6596
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JOE SMITH	CLARK CONSTRUCTION	301-272-8343
BRAD TRENT	"	301-272-6995
BOB LAZZARO	"	301-272-6957
Ahmad Soueid	HDR Architecture, Inc	703 518-8500
Anne McFarlane	NIST/AAD	301-975-4648
Nick Kataglidis	Gilford	301 931 3900
Ken Smith	SPC, Inc	301 953-2582
TOM GUARINO	HDR ARCHITECTURE	(703) 518-8500
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Aut B. Keli	KCCI	(313) 961-6062
James Smith	NIST	x6458
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Carolyn Wilder	NIST	301-975-8332
Charles Gaskell	John J. Kirlian Inc	301-738-8878
Chris Cronin	" "	301 8873
Glen Smith	EMS	301-858-0220
Michael Ditty	EMS	301-858-0220
Mike Dell'Isola	NAUSCOMB	703-684-6550
Michael Stevenson	STEVENSON GROUP	301-330-9203 EX 21
Randy Kurty	MONA ELECTRIC	301-599-7123
Bretha Sylvester	NIST	301-975-2690

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Name	Company	Phone Number
David Satterlee	Cetron	301-975-4411
Howard Harty	NIST	800
RICHARD RECORD	STROMBERG METALS	301-931-1000
MARK Ketchel	Trauland Systems Corp	703-516-2633
Erin Pelicano	Standard Supplies	301-590-1778
Tom Klausung	NIST	301-975-2670
FRED BIRSCHBACH	SINGLETON ELECTRIC CO	301-258-2600
ROB LEE	KEVIS MECH	301-856-2400
NANCY STEVENSON	STEVENSON GROUP	301-330-9203
ERIC VANOUTRYVE	POOLE & KENT	410-247-2200
TOM LYNOTT	POOLE & KENT	410-247-2200
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MATH. MARSH	..	410 821-1100

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Volume	Sheet No	Sheet Title
1	A2 1-04	LOWER LEVEL - EAST D REFLECTED CEILING PLAN METROLOGY BUILDING 218
1	A2 1-05	LOWER LEVEL - TUNNEL CONNECTOR REFLECTED CEILING PLAN BUILDING 218
1	A2 1-06	LOWER LEVEL - F REFLECTED CEILING PLAN CLEANROOM BASEMENT BUILDING 216
1	A2 1-07	NOT USED
1	A2 1-08	NOT USED
1	A2 1-09	NOT USED
1	A2 1-10	NOT USED
1	A2 1-11	LEVEL ONE - F REFLECTED CEILING PLAN CLEANROOM BUILDING 215
1	A2 1-11-OP	LEVEL ONE - F REFLECTED CEILING PLAN CLEANROOM BUILDING 215 (OFFER OPTION NO. 1)
1	A2 1-12	LEVEL ONE - WEST G REFLECTED CEILING PLAN INSTRUMENT LABS/OFFICES BUILDING 217
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1	A2 1-14	LEVEL ONE - EAST J REFLECTED CEILING PLAN INSTRUMENT LABS/OFFICES REFLECTED CEILING PLAN BUILDING 216
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1	A2 1-16	LEVEL ONE - F REFLECTED CEILING PLAN DISTRIBUTION/CLEANROOM BUILDING 215
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1	A2 1-20	LEVEL ONE EAST K REFLECTED CEILING PLAN DISTRIBUTION INSTRUMENT LABS/OFFICES BUILDING 216
1	A2 1-21	LEVEL ONE EAST K REFLECTED CEILING PLAN PENTHOUSE/CLEANROOM BUILDING 215
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1	A2 3-02	LOWER LEVEL - WEST B METROLOGY FLOOR PATTERNING & ACCESS FLOOR LAYOUTS BUILDING 219
1	A2 3-03	LOWER LEVEL - EAST C METROLOGY FLOOR PATTERNING & ACCESS FLOOR LAYOUTS BUILDING 218
1	A2 3-04	LOWER LEVEL - EAST D METROLOGY FLOOR PATTERNING & ACCESS FLOOR LAYOUTS BUILDING 218
1	A2 3-05	NOT USED
1	A2 3-06	NOT USED
1	A2 3-07	NOT USED
1	A2 3-08	NOT USED
1	A2 3-09	NOT USED
1	A2 3-10	NOT USED
1	A2 3-11	LEVEL ONE - WEST F CLEANROOM FLOOR PATTERNING & ACCESS FLOOR LAYOUTS BUILDING 215
1	A2 3-11-OP	LEVEL ONE - WEST F CLEANROOM FLOOR PATTERNING & ACCESS FLOOR LAYOUTS BUILDING 215 (OFFER OPTION NO. 1)
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1	A2 3-13	LEVEL ONE - WEST H/H' INSTRUMENT LABS/OFFICE FLOOR PATTERNING BUILDING 217
1	A2 3-14	LEVEL ONE - EAST J INSTRUMENT LABS/OFFICES FLOOR PATTERNING BUILDING 216
1	A2 3-15	LEVEL ONE - EAST K INSTRUMENT LABS/OFFICES FLOOR PATTERNING BUILDING 216
1	A2 3-16	ENLARGED RESTROOM FLOOR PATTERNING
1	A2 3-17	ENLARGED TOILET FLOOR PLANS FLOOR PATTERNING
1	A2 4-01-OP	LOWER LEVEL - F FLOOR PLAN, CLEANROOM BASEMENT BUILDING 215 HOUSE VACUUM CLEANING SYSTEM (OFFER OPTION NO. 1)
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1	A2 5-01	LOWER LEVEL - WEST A & B BUILDING MODULE PLAN METROLOGY BUILDING 219
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1	A2 5-05	LOWER LEVEL - EAST C, D, E DISTRIBUTION BUILDING MODULE PLAN METROLOGY BUILDING 218
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1	A2 5-07	LEVEL ONE - EAST J & K BUILDING MODULE PLAN INSTRUMENT LABS/OFFICES BUILDING 216
1	A2 5-08	LEVEL ONE - WEST F, G, H DISTRIBUTION BUILDING MODULE PLAN CLEANROOM - BUILDING 215 INSTRUMENT LABS/OFFICES BUILDING 217
1	A2 5-09	LEVEL ONE - EAST J & K DISTRIBUTION BUILDING MODULE PLAN INSTRUMENT LABS/OFFICES BUILDING 216
1	A2 5-10	LEVEL TWO - WEST F, G, H PENTHOUSE BUILDING MODULE PLAN CLEANROOM BUILDING 215 INSTRUMENT LABS BUILDING 217
1	A2 5-11	LEVEL TWO - EAST J AND K PENTHOUSE BUILDING MODULE PLAN INSTRUMENT LABS BUILDING 216
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1	A3 1-02	ENLARGED TOILET FLOOR PLANS
1	A3 2-01	ENLARGED STAIR AND ELEVATOR PLANS
1	A3 2-02	ENLARGED STAIR AND ELEVATOR PLANS
1	A3 2-03	ENLARGED STAIR AND ELEVATOR PLANS
1	A3 2-04	ENLARGED STAIR AND ELEVATOR PLANS
1	A3 2-04 1	ENLARGED STAIR AND ELEVATOR PLANS
1	A3 2-05	STAIR SECTIONS
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1	A3 2-07	STAIR SECTIONS AND DUMBWAITER DETAILS
1	A3 2-07 1	STAIR SECTION
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1	A3 2-11	STAIR DETAILS - STAIR No. 1 BLDG 215
1	A3 2-12	ACCESS AREAWAY NO. 6 ENLARGED PLANS AND SECTIONS
1	A3 3-01	TYPICAL ENLARGED LAB PLANS AND SECTION AT METROLOGY/INSTRUMENT LABS
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1	A3 3-03	TYP ENLARGED LAB PLAN - CLEANROOM BUILDING 215 (OFFER OPTION NO. 1)
1	A3 3-04	TYP ENLARGED LAB PLAN - CLEANROOM BUILDING 215 (OFFER OPTION NO. 1)
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1	A3 5-00	KEY SHEET - LABORATORY
1	A3 5-01	LOWER LEVEL METROLOGY WEST - A
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1	A3 5-04	LOWER LEVEL METROLOGY EAST - D1
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1	A3 5-12	LEVEL ONE INSTRUMENT EAST - K1
1	A3 5-13	LEVEL ONE INSTRUMENT EAST - K2
1	A3 5-14	LOWER LEVEL - F - CLEAN ROOM BASEMENT BUILDING 215 (OFFER OPTION NO. 1)

SOLICITATION NO. 52SBNBOC1045
AMENDMENT NO. 1 - ATTACHMENT 3
JUNE 12, 2000

GENERAL DECISION MD000056 05/12/00 MD56
General Decision Number MD000056

Superseded General Decision No. MD990056

State: Maryland

Construction Type:
BUILDING

County(ies):
MONTGOMERY

BUILDING CONSTRUCTION PROJECTS (Does not include single family
homes and apartments up to and including 4 stories)

Modification Number	Publication Date
0	02/11/2000
1	05/12/2000

COUNTY(ies):
MONTGOMERY

ASBE0024A 10/01/1999

	Rates	Fringes
ASBESTOS WORKERS/HEAT AND FROST INSULATORS Includes application of all insulating materials, protective coverings, coatings and finishes to all types of mechanical systems. Also the application of firestopping material for wall openings and penetrations in walls, floors, ceilings and curtain walls.	21.81	6.90

ASBE0024B 10/01/1999

	Rates	Fringes
HAZARDOUS MATERIAL HANDLER Includes preparation, wetting, stripping, removal, scrapping, vacuuming, bagging and disposing of all insulation materials, whether they contain asbestos or not, from mechanical systems.	12.60	2.27

BOIL0193A 10/01/1998

	Rates	Fringes
BOILERMAKERS	23.62	11.41

CARP0132H 08/01/1995

	Rates	Fringes
CARPET LAYERS	15.72	.70

* CARP0132I 05/01/2000

	Rates	Fringes
RESILIENT FLOOR LAYERS	19.77	3.71

* CARP0132L 05/01/2000

	Rates	Fringes
CARPENTERS (Including Drywall Hanging)	19.77	3.71
PILEDRIVERS	19.10	3.95

CARP1831A 09/07/1998

	Rates	Fringes
MILLWRIGHTS	20.07	3.69

ELEC0026A 11/01/1999

	Rates	Fringes
ELECTRICIANS	26.25	5.27 + 3%

ELEV0010A 09/10/1999

	Rates	Fringes
ELEVATOR MECHANICS	24.315	6.935+a+b

- a. PAID HOLIDAYS: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Christmas Day, and the Friday after Thanksgiving.
- b. VACATIONS: Employer contributes 8% of basic hourly rate for 5 years or more of service; 6% of basic hourly rate for 6 months to 5 years of service as vacation pay credit.

IRON0005A 06/01/1999

	Rates	Fringes
IRONWORKERS: Structural, Ornamental, and Chain Link Fence	20.53	7.555

* IRON0201A 05/01/2000

	Rates	Fringes
IRONWORKERS: Reinforcing	20.55	8.40

* PLAS0891A 05/01/2000

	Rates	Fringes
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CEMENT MASONS	19.80	3.895
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PLUM0005E 09/01/1999

	Rates	Fringes
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PLUMBERS:

Apartment Buildings over 4 stories
(except hotels), schools, colleges,
and speculative office buildings,
strip shopping centers, churches,
water coolers, room air conditioning
units, appliances, packaged ice
machines, and light commercial
refrigeration and/or air conditioning
systems serving a single business in
a single story building and not to
exceed 5 h.p. or tons, self-contained

package unit up to and including 5 h.p. or tons.	16.54	4.835
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All other work	24.85	7.735
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PLUM0602F 08/01/1999

	Rates	Fringes
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STEAMFITTERS, REFRIGERATION AND
AIR CONDITIONING MECHANICS
(Including HVAC Pipe Work):

Light commercial refrigeration
and/or air conditioning systems
serving a single business; the
air conditioning systems shall
not total more than 15 tons
and the refrigeration system
shall not total more than 7 1/2
tons; apartment buildings over
4 stories with individual units
not to exceed 5 tons (excluding
split units)

	13.00	7.36
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All other work	24.71	7.36
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SHHE0100B 07/01/1999

	Rates	Fringes
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SHEET METAL WORKERS (Including
HVAC Duct Work)

	24.48	6.41
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SUMD1030A 05/30/1995

	Rates	Fringes
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BRICKLAYERS 16.22
DRYWALL FINISHERS 13.33
GLAZIERS 13.37 1.15

LABORERS:

Unskilled, Demolition and		
Landscape Laborers; Mason		
Tenders, Brick and Cement;		
Mortar Mixers	8.55	
Pipelayers	11.00	2.36
Screedmen	10.09	1.24
PAINTERS (Excluding Drywall		
Finishing)	13.74	
POWER EQUIPMENT OPERATORS:		
Backhoes	14.06	2.17
Gradalls	14.17	1.24
Graders	12.48	
Loaders	13.21	
Rollers	10.04	1.24
ROOFERS	13.16	
SPRINKLER FITTERS	17.04	3.54
TILE SETTERS	18.61	3.07
TILE FINISHERS	12.47	2.41
TRUCK DRIVERS, DUMP	11.50	1.24

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29 CFR 5.5(a)(1)(v)).

In the listing above, the "SU" designation means that rates listed under that identifier do not reflect collectively bargained wage and fringe benefit rates. Other designations indicate unions whose rates have been determined to be prevailing.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U. S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U. S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

4.) All decisions by the Administrative Review Board are final.
END OF GENERAL DECISION

SOLICITATION 52SBNBOC1045
AMENDMENT 1 - JUNE 12, 2000 - ATTACHMENT 4

OFFERER: _____

U. S. Department of Commerce
National Institute of Standards and Technology

ADVANCED MEASUREMENT LABORATORY
Gaithersburg, Maryland

SCHEDULE OF VALUES

SPECIFICATION DIVISION NUMBER AND TITLE	SUBDIVISION OR SECTION SUBTOTAL	DIVISION TOTAL
SPECIFICATION SUBDIVISION OR SECTION NUMBER AND TITLE		

Offerers must complete the following Schedule of Values and submit it in accordance with the Instructions to Offerors. Totals for each Specification Division shall be entered in the relevant box. The total of these boxes shall equal the total Base Offer amount.

Offerers must also complete the sub-total entries for the Subdivision or Section(s) listed. It is not expected that the Subdivision or Section sub-totals will add up to the total for the corresponding Specification Division.

DIVISION 1 - GENERAL REQUIREMENTS

\$

GENERAL CONDITIONS

\$ _____

OFFICE OVERHEAD AND FEE

\$ _____

DIVISION 2 - SITE CONSTRUCTION

\$

02210 SITE EXCAVATION AND ROUGH GRADING)

\$ _____

02222 BUILDING EXCAVATION, FILLING, AND BACKFILLING)

02221 TRENCHING, BACKFILLING AND COMPACTING FOR UTILITIES)

02665 DOMESTIC AND FIRE WATER SYSTEM)

02670 CHILLED WATER SYSTEM)

02695 PREAPPROVED UNDERGROUND HEAT DISTRIBUTION SYSTEM)

\$ _____

02711 UNDERGROUND GAS PIPING)

02720 STORM DRAINAGE SYSTEM)

02732 SANITARY SEWERS/LABORATORY WASTE LINES)

DIVISION 3 - CONCRETE

\$

DIVISION 4 - MASONRY

\$

04210 BRICK MASONRY

\$ _____

DIVISION 5 - METALS

\$

05120 STRUCTURAL STEEL

\$ _____

05505 UNIVERSAL CHANNEL SUPPORT SYSTEM (UCSS)

\$ _____

DIVISION 6 - WOOD AND PLASTICS

\$

OFFERER: _____

U. S. Department of Commerce
National Institute of Standards and Technology

ADVANCED MEASUREMENT LABORATORY
Gaithersburg, Maryland

SCHEDULE OF VALUES

SPECIFICATION DIVISION NUMBER AND TITLE	SUBDIVISION OR SECTION SUBTOTAL	DIVISION TOTAL
SPECIFICATION SUBDIVISION OR SECTION NUMBER AND TITLE		

DIVISION 7 - THERMAL AND MOISTURE PROTECTION

\$

07125	BELOW GRADE SHEET MEMBRANE WATERPROOFING	\$ _____
07413	PREFORMED WALL AND SOFFIT PANELS	\$ _____
07500	BUILT-UP BITUMINOUS ROOFING (BUR)	\$ _____
07532	FULLY ADHERED ELASTIC SHEET ROOFING SYSTEM	\$ _____

DIVISION 8 - DOORS AND WINDOWS

\$

08100	METAL DOORS AND FRAMES	\$ _____
08211	WOOD DOORS	\$ _____
08700	FINISH HARDWARE	\$ _____
08800	GLASS AND GLAZING	\$ _____
08902	CURTAINWALL AND GLASS WINDOW AND ENTRANCE SYSTEM	\$ _____

DIVISION 9 - FINISHES

\$

09110	NON-LOAD BEARING WALL FRAMING SYSTEMS) \$ _____
09250	GYPSUM WALLBOARD (GWB)) _____
09510	ACOUSTICAL MATERIALS (AM)	\$ _____
09515	SUSPENDED METAL CEILING (SMC)	\$ _____
09680	CARPET - BROADLOOM (CPT)	\$ _____
09900	PAINTING	\$ _____

DIVISION 10 - SPECIALTIES

\$

10200	LOUVERS	\$ _____
10250	SERVICE MODULE SYSTEM (SM) (excluding all piping, wiring, hook-up costs generally)	\$ _____
10270	ACCESS FLOORING (AF)	\$ _____

OFFERER: _____

U. S. Department of Commerce
National Institute of Standards and Technology

SCHEDULE OF VALUES

ADVANCED MEASUREMENT LABORATORY
Gaithersburg, Maryland

SPECIFICATION DIVISION NUMBER AND TITLE		
SPECIFICATION SUBDIVISION OR SECTION NUMBER AND TITLE	SUBDIVISION OR SECTION SUBTOTAL	DIVISION TOTAL
10616 FOAM CORE METAL WALK-ON CEILINGS (MWC)	\$ _____	
10625 DEMOUNTABLE PARTITIONS (DP)	\$ _____	

OFFERER: _____

U. S. Department of Commerce
National Institute of Standards and Technology

SCHEDULE OF VALUES

ADVANCED MEASUREMENT LABORATORY
Gaithersburg, Maryland

SPECIFICATION DIVISION NUMBER AND TITLE	SUBDIVISION OR SECTION SUBTOTAL	DIVISION TOTAL
SPECIFICATION SUBDIVISION OR SECTION NUMBER AND TITLE		

DIVISION 11 - EQUIPMENT

\$

11011 VACUUM CLEANING SYSTEM

\$ _____

11601 LABORATORY CASEWORK AND FURNISHINGS
(excluding all piping, wiring, hook-up costs generally)

\$ _____

11605 CLEANROOM CHAMBERS/CABINETS
(excluding all piping, wiring, hook-up costs generally)

\$ _____

11610 LABORATORY FUME HOODS
(excluding all piping, wiring, hook-up costs generally)

\$ _____

11620 LAMINAR AIRFLOW EQUIPMENT
(excluding all piping, wiring, hook-up costs generally)

\$ _____

11724 METAL INSULATED WALL PANELS AND DOORS (MIP)

\$ _____

DIVISION 12 - FURNISHINGS

\$

DIVISION 13 - SPECIAL CONSTRUCTION

\$

13066 CLEANROOM WALL SYSTEMS (CWS)

\$ _____

13070 CLEANROOM RAISED ACCESS FLOORING (CAF)

\$ _____

13073 PERFORATED CEILING (PC) AND FLOW THROUGH GRID SYSTEM

\$ _____

DIVISION 14 - CONVEYING SYSTEMS

\$

OFFERER: _____

U. S. Department of Commerce
National Institute of Standards and Technology

SCHEDULE OF VALUES

ADVANCED MEASUREMENT LABORATORY
Gaithersburg, Maryland

SPECIFICATION DIVISION NUMBER AND TITLE	SUBDIVISION OR SECTION SUBTOTAL	DIVISION TOTAL
SPECIFICATION SUBDIVISION OR SECTION NUMBER AND TITLE		

DIVISION 15 - MECHANICAL

\$

PLUMBING

\$ _____

HVAC EQUIPMENT

\$ _____

HVAC PIPING

\$ _____

SHEET METAL, INCL. ALL ACCESSORIES

\$ _____

INSULATION TO DUCTWORK AND HVAC PIPING

\$ _____

FIRE PROTECTION

\$ _____

OFFERER: _____

U. S. Department of Commerce
National Institute of Standards and Technology

SCHEDULE OF VALUES

ADVANCED MEASUREMENT LABORATORY
Gaithersburg, Maryland

SPECIFICATION DIVISION NUMBER AND TITLE	SUBDIVISION OR SECTION SUBTOTAL	DIVISION TOTAL
SPECIFICATION SUBDIVISION OR SECTION NUMBER AND TITLE		

DIVISION 16 - ELECTRICAL

\$ _____

SERVICE & DISTRIBUTION

\$ _____

includes the following:

- HV gear & feeders
- Switchgear
- Distribution panels
- Branch panels
- Transformers
- Freestanding breakers and switches
- Motor control centers
- Feeders
- Emergency generators & UPS

INTERIOR LIGHTING

\$ _____

includes the following:

- fixtures, material and labor to install
- switches and LV control
- lighting branch circuits
- relays, contactors, timers

POWER

\$ _____

includes the following:

- receptacles
- plugmold
- power branch circuits
- mechanical system connections, wiring
- motor controls not in MCL
- equipment connections & wiring (lab)

COMMUNICATION SYSTEMS

\$ _____

includes the following:

- Fire alarm system, complete
- voice & data systems (interior)
- security systems, complete w/circuits
- audio/visual systems

SPECIAL ELECTRICAL SYSTEMS

\$ _____

includes the following:

- lightning protection & grounding
- power monitoring

SITE ELECTRICAL

\$ _____

includes the following:

- ductbanks & manholes
- power and signal distribution
- site lighting, including circuitry
- cathodic protection

OFFERER: _____

U. S. Department of Commerce
National Institute of Standards and Technology

SCHEDULE OF VALUES

ADVANCED MEASUREMENT LABORATORY
Gaithersburg, Maryland

SPECIFICATION DIVISION NUMBER AND TITLE	SUBDIVISION OR SECTION SUBTOTAL	DIVISION TOTAL
SPECIFICATION SUBDIVISION OR SECTION NUMBER AND TITLE		

security systems

DIVISION 17 - CONTROLS AND INSTRUMENTATION

\$

TOTAL BASE OFFER \$

NOTE: The Base Offer includes CLIN 0001, 0002 and 0003 only. Refer to Part I, Section B.

AML Offeror Question Form - Amendment 1 - June 12, 2000

National Institute of Standards and Technology
Contracts Office
100 Bureau Drive, Stop 3572
Gaithersburg, MD 20899-3572
ATTN: Solicitation No. 52SBNB0C1045

Advanced Measurement Laboratory - Attachment 5

Submit Questions to the following:

Contracting Officer: Pauline E. Mallgrave

Phone Number: 301-963-6330

E-mail Address: aml@nist.gov

Fax Number: 301-963-7732

Information from Offeror

Offeror Name:

Offeror Contact Name:

Address:

Offeror Phone #:

City/State/Zip:

Offeror E-mail Address:

Offeror Fax #:

Question

Document Number (Drawing/Specification):

Sub-Number (Page Number/Detail Number):

Please Note:

1. Amendment questions can be either faxed or e-mailed. (See information above.)
2. Changes in the requirement or terms and conditions shall only be made by issuance of an amendment to the solicitation.
3. An electronic version of this form can be found on the AML Web Site: <http://aml.nist.gov>